MINI DVB-T WITH USB port&Card reader

MODEL NO.:HE-988

USER'S MANUAL

FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rule. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. This is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off or on, the user is encouraged to try to correct the interference by one or more of the follow measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

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Important Safety Instructions

1. Read, follow and keep these instructions.
2. Do not use this apparatus near water.
3. Clean only with a damp cloth. Please unplug power prior to cleaning.
4. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
5. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. Protect the power cord from being walked on or pinched particularly at the plug, receptacles, and the point where they exit from the apparatus.
7. Only use attachments/accessories included within this package.
8. Unplug this apparatus during lighting storms or when unused for long periods of time.
9. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way; such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

A Class II APPARATUS shall be permanently marked with the words "DOUBLE INSULATION" or "Double Insulated" and "When servicing use only identical replacement parts."

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Precautions

Please read these precautions before operating this unit.

1. Power cord protection

To avoid any malfunctions of the unit, and to protect against electric shock, fire or personal injury, please observe the following.

- Hold the plug firmly when connecting or disconnecting the AC power cord.
- Keep the AC power cord away from heating appliances.
- Never put any heavy object on the AC power cord.
- Do not attempt to repair the AC power cord in any way.
- Never make or change connections with the power switched on.

2. Placement

Avoid placing the unit in areas of:

- Direct sunlight or heating radiators
- High temperature (over 35℃) or high humidity (over 90%)
- Dust as the internal parts may be seriously damaged.

3. Non-use periods

When the unit is not being used, turn it off. When left unused for a long period of time, the unit should be unplugged from the power source.

4. No fingers or other objects inside

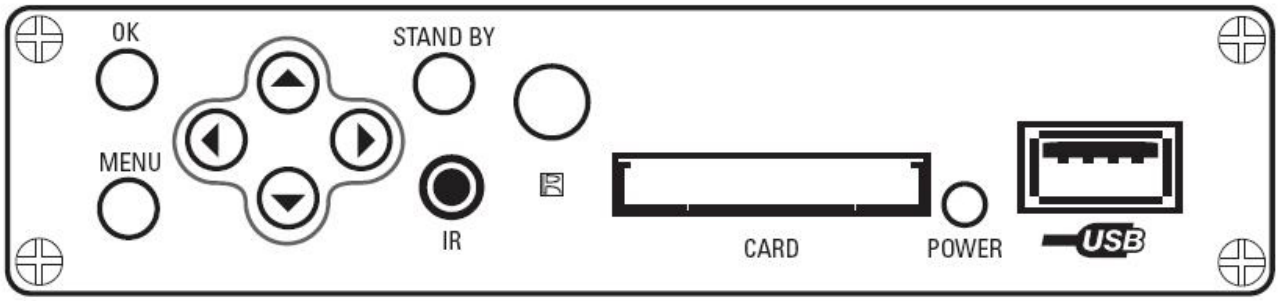
- Touching internal parts of this unit is dangerous, and may cause serious damage to the unit. Do not attempt to disassemble the unit.
- Do not put any foreign object in this unit.

5. Keep away from water

- Keep the unit away from flower vases, tubs, sinks, etc. if liquids are spilled into the unit, serious damage could occur.
-

IDENTIFY YOUR SET TOP BOX

Front Panel:



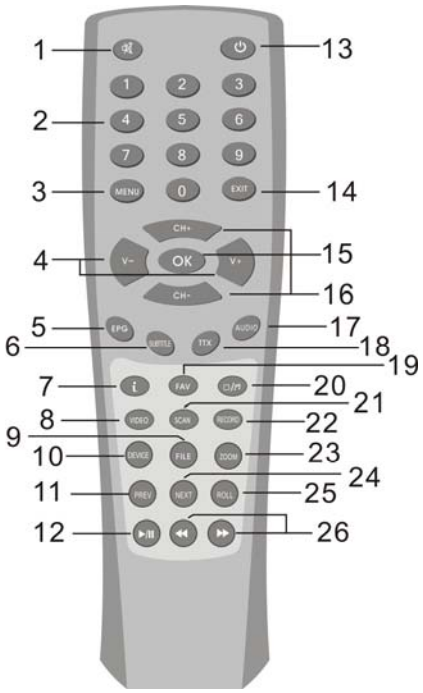
1. OK
2. MENU
3. Direction Key
4. IR connector
5. Stand by
6. Card reader
7. USB port

Rear Panel:

1. power input
2. AV output
3. SPDIF
4. ANT IN
5. LOOP OUT

Remote control :

1. Mute: Turn off / on voice.
2.Number Key: <0-9>
3. Menu: Enter main menu
4. VOL -/+ : Volume adjusting
5. EPG: Electronic Program Guide
6. SUBTITLE: Subtitle
7. info: Display program information in full-screen playing
   Or show operation guide in current menu
8. VIDEO: Enter “TV” operation menu
9. FILE: Enter recording file
10. DEVICE: Hot-key to enter device list
11. PREV: Play previous USB media
12. PLAY/PAUSE: Pause/Play program playing or movie playing
13. POWER: Turn on / off
14. EXIT: Cancel current operation and return to previous menu
15. OK: Confirm selection on operateing menu
    Or hot-key of “QUICK SELECT” in full-screen playing
16. CH+/-: Channel up/down
17. AUDIO: Audio mode operation
18. TTX : DVB teletext
19. FAV: Display favourite programs
20. TV/RADIO: Switch between TV and Radio mode
21. SCAN: channels search
22. RECORD: TV Program recording
23. ZOOM: set zoom mode in full-screen display
24.NEXT: Play next USB media
25. ROLL: Left retate photo by 90 degree
26.FF and FR: Screen image zoom in / out when in zoom mode
    Speed up / down when USB media playing



Connecting Your Set Top Box

a) Antenna to set top box Connection

Connect the aerial to the unit through ANT IN jack.

b) Set Top Box to TV Connection

Connect the unit to TV with supplied AV cable through AV1 or AV2 jack on the unit

c) Power Connection

Connect DC adapter to the unit through DC12V jack, then plug the adapter.

d) Turn on your TV and select AV IN.

1. First Time Installation

When user connect Set Top Box (**STB**) for the first time, no channels are stored in the unit, An "**Init Install**" page will appear automatically on the screen. Continue to start set-up as per below steps.

1. Press **<UP>/<DOWN>** to select the item user want to set up, press **<RIGHT>** to enter right column, **<UP>/<DOWN>**and **<OK>** to select OSD language or Area where user locate in. See figure 1
2. Press **<OK>**To enter installation page, re-press **<OK>** to select "**yes**" and start installation, See figure 2,3

   * All the receivable TV and Radio programs will be listed respectively in column of TV channel and Radio channel. This process would take a few minutes to complete.

4. To cancel installation, Press **<EXIT>**. A hint of "Database Empty" display automatically. See figure 4.

Figure 1

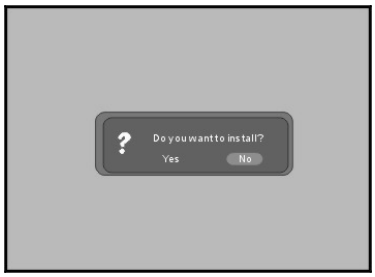


Figure 2

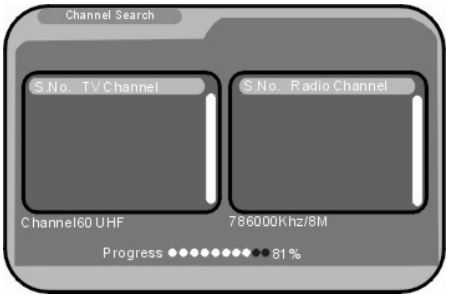


Figure 3

Figure 4

<NOTE> Before searching, Make sure antenna connect to the STB.

2. Main Menu

Main Menu for operating functions. See figure 5

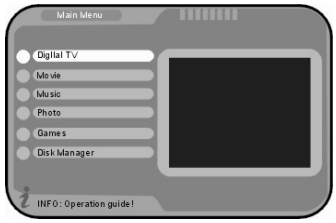


Figure 5

1. Press <menu> to enter Main Menu.
2. Press **<UP>/<DOWN>** to select the item you want to operate..

2.1 DIGITAL TV

Set the system setting of **STB**. See figure 6

Under **Main Menu**, Press **<OK>** to enter “Digital TV” list. There are six items for operation.

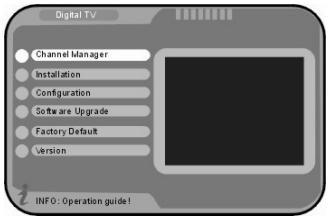


figure 6

2.1-1 Channel Manager

For Channel Setting. See figure 7 .

Under Digital TV list, Press **<OK>** to enter “Channel Manager”list.

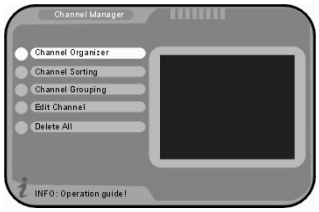


figure 7

2.1-1-1. Channel Organizer

Four functions to setting channels, Fav/ Move/ Lock/ Delete and editing channel name. See figure 8

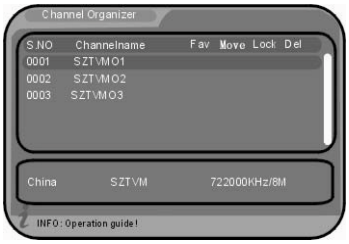


figure 8

1. Press **<OK>** to enter “Channel Organizer” page through” Main Menu - Digital TV - Channel Manager - Channel Organizer”.

2. To rename channel, press **<Up/Down>** to select a channel, **<LEFT>/<RIGHT>** to enter editing page and edit name through <0-9> button and four colour buttons. Press **<OK>** to confirm. (Note: Fast-press Num<0-9> Two/three times to select the second/third character) figure 9,10

3. For channel setting, press **<Up/Down>** to select a channel, Press **RED** button on remote control to set FAV status, **YELLOW** button to set Move status, **BLUE** button to set Lock status, **GREEN** button to set delete status. Press again to cancel selection. See below<NOTE>for details. See figure 11,12

4..Press **<EXIT>** to confirm and return to last Menu.

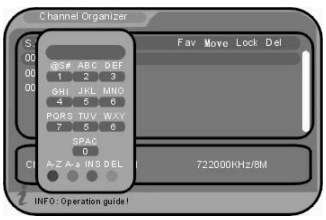


figure 9

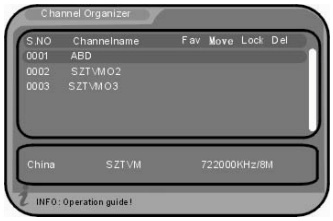


figure 10

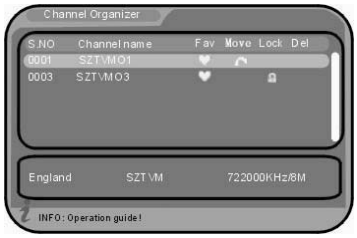


figure 11

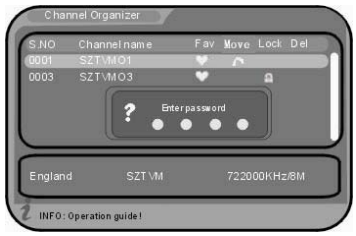


figure 12

<NOTE>

* FAV function: After setting favorite channels, user may press hot-key “FAV” on remote control to find them directly . See section 4.0 FAV for detail information.

* Move function: Press <**Up/Down**>to select channels, press **YELLOW** button to mark move status, then press <**Up/Down**>and **<OK>** to move the selected channel to new position.

* Lock function: For the first time of setting, system would ask for password (default password is 0000).In full screen display, user should enter password before watching locked channel.

* Del function: After deleting channel, user should rescan to recover it.

2.1-1-2. Channel Sorting

Channels will be listed according to certain sequence so that user can find them easily. Before sorting, Three options should be set : area, FTA or not, character. See figure 11,12.

1. Press **<OK>** to enter “Channel Sorting” page through” Main Menu - Digital TV - Channel Manager - Channel Sorting”.
2. Press **<Up/Down>** to select option, **<LEFT/RIGHT>** to enter right column and select sorting parameters.
3. Press **<OK>** to confirm setting, press **<OK>** again to select YES while a dialogue “are you sure?” display.
4. Press **<EXIT>** to return to last menu.

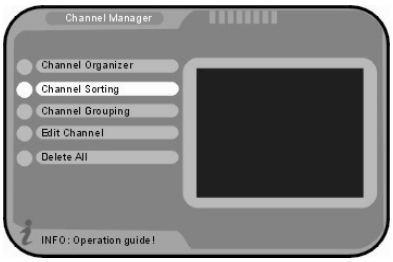


figure 11

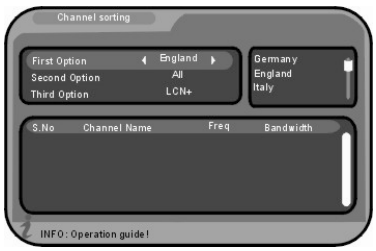


figure 12

2.1-1-3. Channel Grouping

User can divide channels into seven group: News, Scien, Sport, Movie, Kids, Music, Fashion. See figure 13,14

1. Press **<OK>** to enter “Channel Grouping” page through” Main Menu - Digital TV - Channel Manager – Channel Grouping”.
2. Press **<Up/Down>** to select channel, Num**<1-8>**button to set different channel grouping.
3. Press **<EXIT>** to confirm and return to last menu. System will renew channel grouping with a hint of “successfully updated”

<NOTE> :After setting channel grouping, user can press <OK> on remote control to view channels by group. Detail operation refer to section 3.2 “QUICK SELECT”

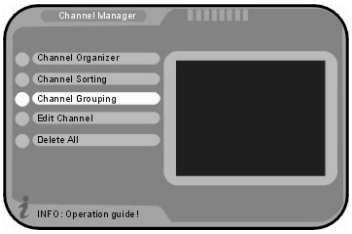


figure 13

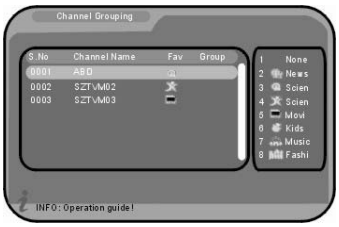


figure 14

2.1-1-4 . Edit Channel

To add or edit channel. See figure 15,16

1. Press **<OK>** to enter “Edit Channel” page through” Main Menu - Digital TV - Channel Manager – Edit Channel”.
2. Press **RED** button on remote control to enter “Add Channel” page, **<Up/Down>** to select the item user want to edit : See figure 17

   * Area name/Carrier: Press **<RIGHT>** to enter right column, press**<Up/Down>** and **<OK>** to choose area name/carrier. Area is forbidden to choose if no carrier under it.

   * Channel Name: Press **<LEFT/RIGHT>** to enter editing page and rename channel, Press **<OK>** to confirm. (Fast-press Num<0-9> Two/three times to select the second/third character)

   * Audio/Video/PCR PID: Press Num**<0-9>** to revise value.

3. Press **<OK>** to confirm and return to Edit channel page.
4. Press **<EXIT>** to cancel and return to Edit channel page.
5. Press **YELLOW** button to enter “Edit Channel” page, detail operation is the same as that in “Add Channel” page. See figure 18

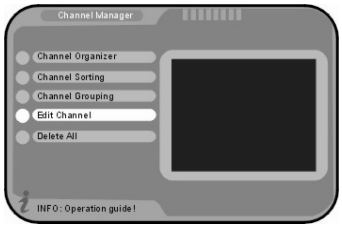


figure 15

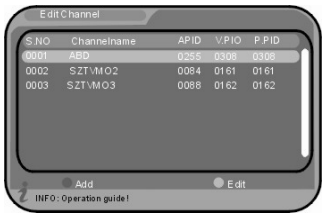


figure 16

figure 17

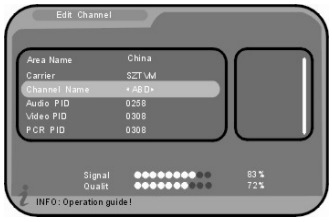


figure 18

2.1-1-5. Delete All

To delete all TV or Audio channel. See figure 19,20

1. Press **<OK>** to select “Delete All” page through” Main Menu - Digital TV - Channel Manager – Delete All”.
2. Input password(default password is 0000) to enter “Delete All” page. Press **<Up/Down>** and **<OK>** to select “All TV channel”/ “All Radio channel” . When a dialogue “Delete all TV channels?” / “Delete all radio channels?” display, press **<LEFT/RIGHT>** to choose yes, **<OK>** to confirm delete.

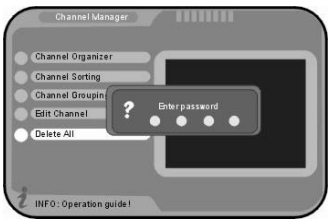


figure 19

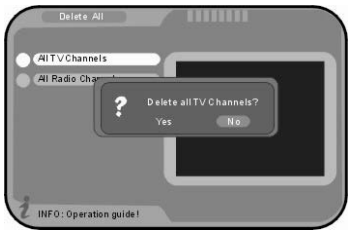


figure 20

* If there are no radio channels, a hint message of “No Radio Channels” would display. See figure 21

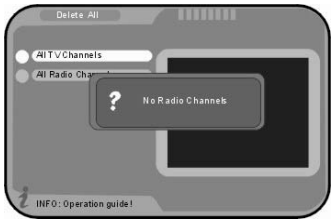


Figure 21

2.1-2 Installation

It provides user three ways of program search: Area Search, Manual Search and Auto Search.See figure 22, 23

Under Digital TV menu, Press **<Up/Down>** and **<OK>** to choose “**Installation**”. Input password (default

password is 0000) to enter it.

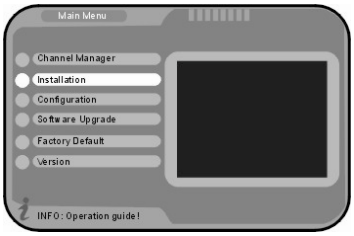


figure 22

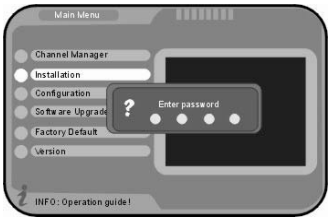


figure 23

2.1-2-1 Area Search

This is prior choice for user. It automatically search programs of all frequent points of target country or region. See figure 24

1. Under Installation menu, press **<Up/Down>** to select Area Search and **<OK>** to start Search.

2. During scanning, press **<EXIT>** to stop and exit to the previous menu, if user does not want to search.

3. After searching finished, system will return to Installation menu and save the searching result.

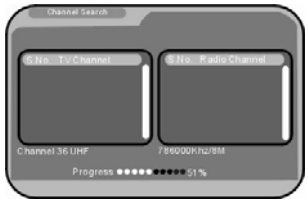


figure 24

2.1-2-2 Manual Search

Set for professional usage. User should input the correct Frequency and Bandwidth before searching. See figure 25

1. Under Installation menu, press **<Up/Down>** and **<OK>** to enter Manual Search page.

2. Press **<0-9>** to revise value, **<OK>** to start searching.

3. After searching finished, system will return to Installation menu and save the searching result.

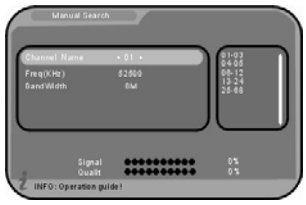


figure 25

2.1-2-3 Auto Scan

Set to search any channel between start frequency and end frequency. See figure 26

1. Under Installation menu, press **<Up/Down>** and **<OK>** to enter Auto Search page.

2. Press **<0-9>** to revise value, **<OK>** to start searching.

3. After searching finished, system will return to Installation menu and save the searching result.

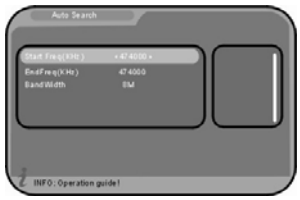
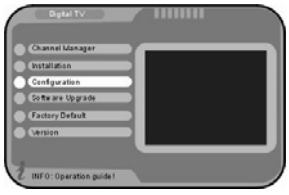


figure 26

2.1-3 Configuration

It provides individualized system setup function. You can setup the system according to your own demand. See figure 27



2.1-3-1 OSD figure 27

To set the interface mode according to user's demand. See figure 28,29

1. Press **<OK>** to enter "OSD" page through" Main Menu - Digital TV - Configuration –OSD".
2. Press **<Up/Down>** to select the item user want to setup, detail operation as below :

* OSD: To set menu display mode : Press **<LEFT/RIGHT>** to choose.
* Time on OSD : To set system time display in full-screen playing: Press **<LEFT/RIGHT>** to choose ON/ OFF.
* OSD Timeout : To set display time length of banner (at the bottom of screen) : Press **<LEFT/RIGHT>** to choose.
* OSD Trans : To set menu transparency : Press **<LEFT/RIGHT>** to adjust it.
* OSD Language: To set on-screen-display language : Press <**RIGHT>**to enter right column, **<Up/Down>** to switch, **<OK>** to confirm selection.
* 1st/2rd Audio Language : To set Audio language : Press <**RIGHT>**to enter right column, **<Up/Down>** to switch, **<OK>** to confirm selection.

3. Press **<OK>** to confirm editing and return to the previous menu. Keep pressing **<EXIT>** to back to full screen display, a banner "Successfully updated" display automatically.

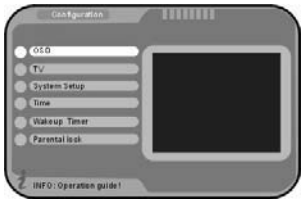


figure 28

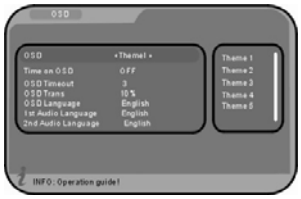


figure 30

2.1-3-2 TV

To set display mode for TV. See figure 30,31

1. Press **<OK>** to enter **"TV" page through" Main Menu - Digital TV - Configuration –TV".**
2. Press **<Up/Down>** to select the item user want to setup, detail operation as below :

* Display Mode : Set PAL, NTSC or AUTO for display. This setting should match TV's mode. Press **<LEFT/RIGHT>** to choose.
* Aspect Ratio : Set display format for watching program. Press **<LEFT/RIGHT>** to choose.
* Video Output : Set the output mode of TV : Press **<LEFT/RIGHT>** to choose.
* Brightness / Contrast / HUE / Saturation : Press <**RIGHT>**to enter right column, **<Up/Down>** to switch, **<OK>** to confirm selection.

3. Press **<OK>** to confirm editing and return to the previous menu. Keep pressing **<EXIT>** to back to full

screen display, a banner “Successfully updated” display automatically.

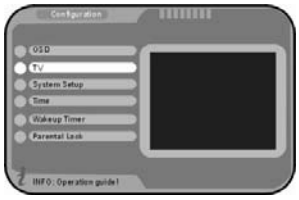


figure 30

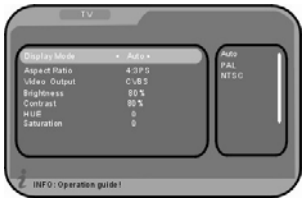


figure 31

2.1-3-3 System setup

See figure 32,33

1. Press **<OK>** to enter “System Setup” page through” Main Menu - Digital TV - Configuration –System Setup”.

2. Press **<Up/Down>** to select the item user want to setup, **<LEFT/RIGHT>** to choose, finally press **<OK>** to confirm editing and return to the previous menu. Keep pressing **<EXIT>** to back to full screen display, a banner “Successfully updated” display automatically.

* EQ Setup : To set output sound effect.
* Surround : To set stage effect.
* Area : To set scanning area.

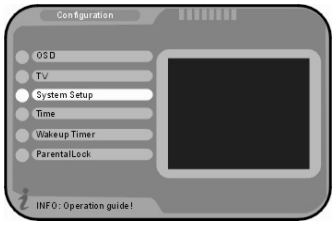


figure 32

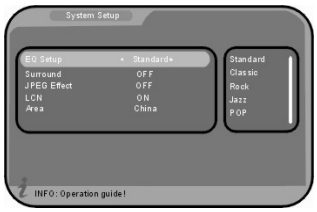


figure 33

2.1-3-4 Time

To set system time mode. There are two timer modes : Auto and manual. See figure 34,35

1. Press **<OK>** to enter “ Time” page through “Main Menu – Digital TV – Configuration – Time”.

2-1 Press **<LEFT/RIGHT>** to choose Auto mode, press **<Up/Down>** to choose between items GMT Offset and Summer Time

* GMT Offset: When Summer Time setted to be “ON” status, user press **<RIGHT>** to enter right column, **<Up/Down>** to choose value, there will be corresponding change in item –Time. Press **<OK>** to confirm.

2-2 When the setting is Manual mode, press **<Up/Down>** to choose between items Date and Time.

* Date : Press **<LEFT/RIGHT>** to enter date setting menu and adjust it (To view operation instruction list, user should press **<INFO>** on remote control to open.)

* Time : Press **<0-9>** to revise time.

3. After time is set, press **<OK>** to confirm editing and return to the previous menu. Keep pressing

<EXIT> to back to full screen display, a hint “Successfully updated” appear automatically.

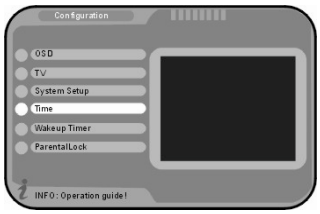


figure 34

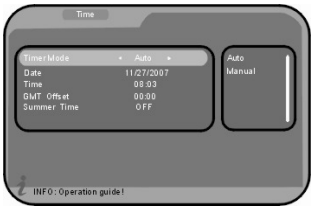


figure 35

2.1-3-5 Wakeup Timer

For preseting channel playing at certain time or some hint information warning such as Birthday, Timer recording . See figure 36,37

1. Preset Channel

A. Timer NO--Set wakeup time even number: Press **<RIGHT>** to enter right column, **<Up/Down>** to choose even number, press **<OK>** to confirm.

B. Timer mode : Press **<LEFT/RIGHT>** to choose between Once,Daily,Weekly, Yearly.

C. Wakeup mode—Four options as OFF, Message, Channel, Recorder, On. Press **<LEFT/RIGHT>** to choose Channel.(If no channels in the database, channel option is unavailable)

D. Wakeup Channel : Press **<RIGHT>** to enter right column, **<Up/Down>** to choose preset channel, press **<OK>** to confirm.

E. Wakeup Date : Press **<LEFT/RIGHT>** to enter date setting menu and adjust it.

F. On Time : Press **<0-9>** to revise time.

G. Duration—set continuous time : Press **<0-9>** to revise time.

H. Press **<OK>** key, a hint “set successful” appear automatically. Press **<EXIT>** to return to previous menu.

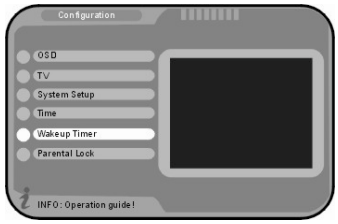


figure 36

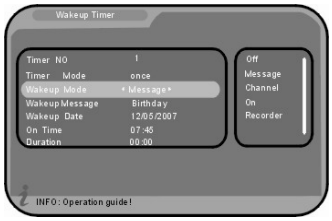


figure 37

2. Time and multi -time recording

A. Press menu and select Digital TV-press **OK**

B. Then select Configuration – press **OK**

C. Then select Wakeup Timer – press **OK**

Timer NO: select recording 1

Timer mode: select (once, daily ,weekly ,yearly)

Wakeup mode: select “**RECORDER**”

Wakeup channel: select the channel you like to record

Wakeup date: set recording date

On time: set recording start time

Duration: set recording end time

When finished, press **OK** and exit, then set the unit to Standby mode,

The unit will auto turn on and start recording.

If user like to set to multi time recording – select “Timer No: select recording 2,

then set-up the page again.

2.1-3-6 Parental Lock

To set system password. (The default Password is **0000**) See Figure 38,39

1. Press **<0-9>** on remote control to input old password.

2. If the old password is input correctly, user would be allowed to input new password. Then press **<0-9>** to input new 4-digit password. The system will return to previous menu. Keep pressing **<EXIT>** to back to full screen display, a hint “Successfully updated” appear automatically.

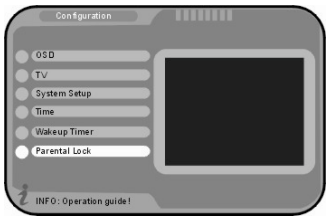


figure 38

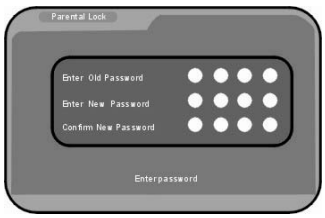


figure 39

2.1-4 Software Upgrade

User can update the software of unit through USB. See figure 40,41,42

Insert USB disk into USB slot, press **<OK>** to enter “Software Upgrade” page through “Main Menu – Digital TV –software upgrade”.

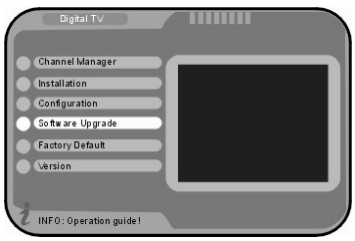


Figure 40

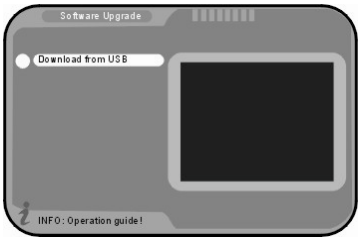


Figure 41

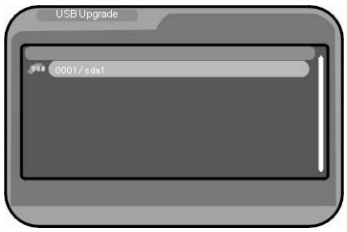


Figure 42

2.1-5 Factory Default

Reset the system parameter to factory default. See figure 43,44

1. Press **<OK>** to select item “Factory default” through “Main Menu – Digital TV – Configuration – Factory

Default".

2. A window "Enter password" display, press **<0-9>** to input password, press **<LEFT>** and **<OK>** to confirm factory default setting. User should re-search channels through " Main Menu – Digital TV – Installation"

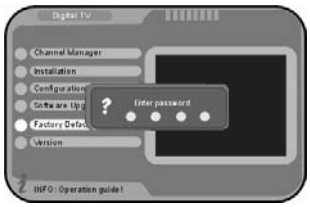


Figure 43

Figure 44

2.1-6 Version

Relevant version information of this unit listed for user reference. See figure 45

Press **<OK>** to open "version" page through "Main Menu – Digital TV – Configuration – version".

Figure 45

2.2 Movie

1.Insert USB device into USB slot, press **<MENU>**on remote control to enter main menu page, **<UP/DOWN>** and **<OK>** to enter "Movie" page. See figure 46

2. Press **<OK>**again to enter next page, only movie files and folder name display.

* Press **<UP/DOWN>** to choose movie file name,**<OK>** to play movie.

* Press <**FF>** key to play movie quickly,< **FR>** to play movie slowly.

* Press **<PREV>** to play previous movie,**<NEXT>** to play next movie.

* Press **<PAUSE>** key to pause, press again to continue to play.

* Press **<EXIT>** key to stop playing and return to the file page.

Figure 46

2.3 Music

1.Insert USB device into USB slot, press **<MENU>**on remote control to enter main menu page, **<UP/DOWN>** and **<OK>** to enter "Music" page.

2. Press **<OK>**again to enter next page, only music files and folder name display. See figure 47

* Press **<UP/DOWN>** or **<0-9>** to choose music file name, **<OK>** to play music. see figure 48

* Detail operation refer to section **2.2 Movie**.

Figure 47

Figure 48

2.4 Photo

1.Insert USB device into USB slot, press **<MENU>**on remote control to enter main menu page, **<UP/DOWN>** and **<OK>** to enter “Photo” page.

2. Press **<OK>**again to enter next page, only photo files and folder name display.

* Press **<UP/DOWN>** to choose photo file name, **<OK>** to view photo.

* Press **<PREV>** to view previous photo,**<NEXT>** to view next photo.

* Press **<ROLL>** to rotate photo counterclockwise.

* To play photoes automatically, user press **<OK>** to open photo, press **<OK>**again to view next photo, then system would play photos one by one automatically.

2.5 Games

Three games installed in the system: Box Man, Tetris, Hit Rat. See Figure 49,50,51

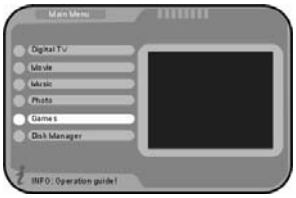


Figure 49

Figure 50

Figure 51

2.5-1 Box Man

1. Press **<Menu>** on remote control, **<Up/Down>** to choose Game page, keep pressing **<OK>** to enter Box Man page. See Figure 52

2. A function menu list on the left. Press **<Up/Down>** and **<OK>** to select “new game” and start game after setting..

3. Press direction keys to move the cartoon man here and there.

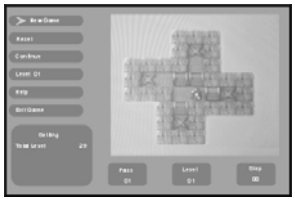


Figure 52

4. Press **<OK>** to pause game, user can re-set game on the function menu. press **<OK>** again to continue game.

2.5-2 Tetris

1. Press **<Menu>** on remote controller, **<Up/Down>** to choose Game page, press **<OK>** enter Tetris page. See Figure 53

2. A function menu list on the left. Press **<Up/Down>** and **<OK>** to select “start game” and start game after setting.

3. Press **<Left/ Right>** to move the square left or right. Press **<Up>** to change the direction. Press **<Down>** to accelerate the speed.

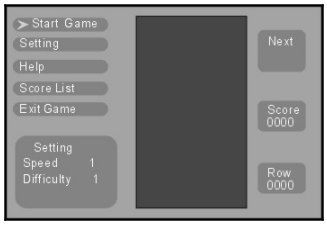


Figure 53

4. Press **<OK>** to pause game, user can re-set game on the function menu. press **<OK>** again to continue game.

2.5-3 Hit Rat

1. Press **<Menu>** on remote controller, **<Up/Down>** to choose Game page, keep pressing **<OK>** enter Box Man page. See Figure 54

2. A function menu list on the left. Press **<Up/Down>** and **<OK>** to select “new game” and start game after setting..

3. The direction keys compose 1-9 VS top left, top mid, top right, mid left, mid right, down left, down mid, down right.

4. Press **<OK>** to pause game, user can re-set game on the function menu. Press **<OK>** to select “main menu” on the left menu, system will return to the previous menu.

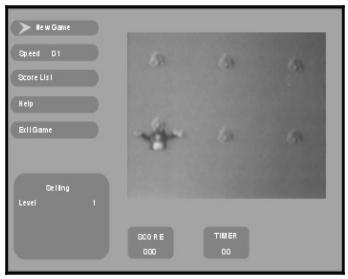


Figure 53

2.6 Disk Manager

Set to edit recorded files(movie), insure there are movies stored in USB disk before use this function. See Figure 54,55,56

1.Insert USB device into USB slot, press **<MENU>**on remote control to enter main menu page, **<UP/DOWN>** and **<OK>** to enter “Disk Manager” page.

2. Press **<Up/Down>** and **<OK/EPG>** to play selected movie.

3. To delete one file, press **<Up/Down>** to select a movie**,** press **Green** button once, then press <OK>to enter a dialogue “Delete the select file?”, press **<OK>** to select YES and confirm deleting.

4. To delete all files, press **Green** button two times, then press **<OK>**to enter a dialogue “Delete all the files?” press **<OK>** to select YES and confirm deleting.

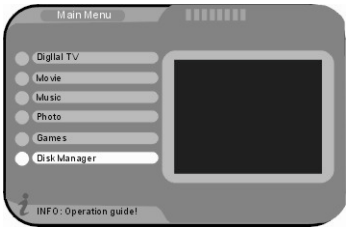


Figure 54

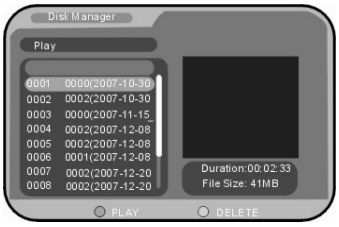


Figure 55

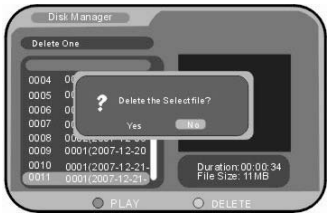


Figure 56

3. Convenient Functions

1 Ways of selecting Program

STB provides four ways to select program.

1. Press **<Up/Down>** button to next or previous program.
2. Press **<OK>** to select program in program list.
3. Press **<EPG>** to select program from the Electronic Program Guide.
4. Press **<0~9>** to switch program.

If the input program number doesn't exist, STB will ignore the input.

2 QUICK SELECT

See Figure 57

1. Press **<OK>** to display channel list.
2. Press **<Up/Down >** to select channel, <OK>to confirm and switch to corresponding channel.
3. Press **<Exit>** to withdraw.

* If channel grouping setted, user can press **<Left/Right>**to switch group between None, News, Scene, Sport, Movie, Kids, Music, Fashion. Press **<Up/Down>** and **<OK>** to view channels under different group. Channel grouping setting refer to section 2.1-3-3.

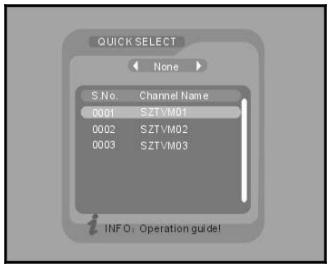


Figure 57

3 EPG

1. Press **<EPG>** red button on remote control to enter Daily Mode. See Figure 58,59,60
2. Press **< i >** to open operation guide list, user can operate it according to this guide.

Figure 58

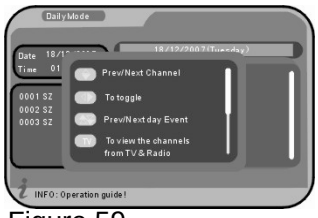


Figure 59

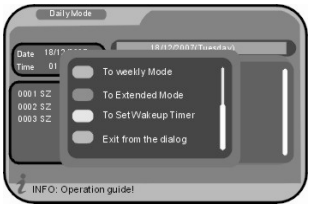


Figure 60

4 SUBTITLE

Display subtitle on screen, the style of subtitle may be different by content provider. See Figure

1. Press **<SUBTITLE>** yellow button to enter subtitle page.
2. Press **<Left/Right>** to choose whether to open subtitle,press **<Up/Down>** to select subtitle language.
3. Press **<EXIT>** to exit.

5 Teletext

1. Press **<TTX>** to enter Teletext page.
2. Input three digits to go to corresponding page you want.
3. Press **<Up/Down>** to go to previous or next page.
4. Press **<Left/Right>** to back or advance for 100 pages.
5. Press **<EXIT>** to exit from teletext page.

6 AUDIO

Audio language selection. See Figure 61

1. Press **<AUDIO>** to enter Multiaudio page.
2. Press **<Left/Right>** to switch among stereo, left, right, press **<UP/DOWN>** to select the language of sound.
3. Press **<OK/EXIT>** to confirm the selection and return to full-screen play mode.

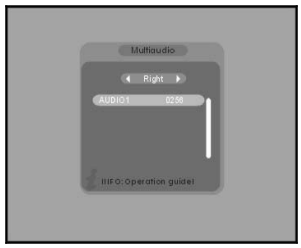


Figure 61

7 Program information

To view the information of current program, press **<i>** on remote control to open it when it is in full screen display, press again or **<EXIT>** to exit. See Figure 62

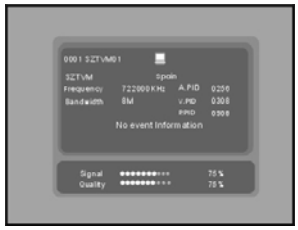


Figure 62

8 FAV

User can select favourite channel easily here after setting favourite channels. Refer to section **2.1-1-1 Channel Organizer** for Favourite channel setting. See Figure 63.

1. Press **<FAV>** to enter favourite list.
2. Press **< Up/ Down>** to select channel.
3. Press **<EXIT>** to exit.

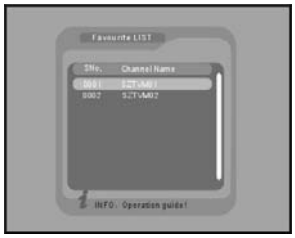
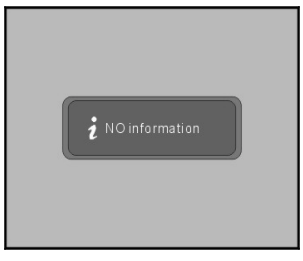


Figure 63

9 TV/RADIO program switch

Press **"TV/RADIO"** to switch between TV program and Radio program when it is in full screen display. See Figure 64

* If no radio channels, system would display a hint message "No radio



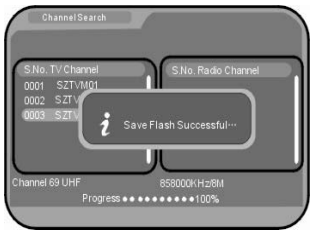
channels”.

Figure 64

10 VIDEO

A hot-key to set display mode for TV, detail operation refer to section **2.1-3-2 TV**

11 SCAN



See Figure 65

1. Press **<SCAN>** to enter “channel search” page and re-search automatically.

2. Press **<EXIT>** to stop searching and return to full screen display if user does not want to research.

After finishing searching, a hint message “Save flash successful” display.

Figure 65

12 DEVICE

Select the work directory user store kinescope to. See Figure 66,67

1. Press **<DEVICE>** to enter “Device List ” page, press**<Up/Down>** and **<OK>** to confirm selection with a dialogue of “change work directory?” display, press **<OK>** to select YES. System would display a hint “Set successful”

2. Press **<EXIT>** to return to full screen display.

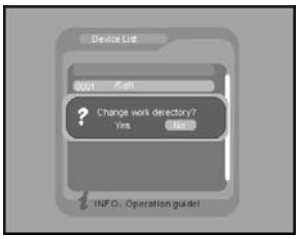


Figure 66

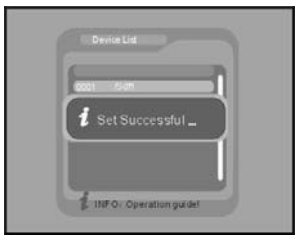


Figure 67

13 RECORD

Set to record liveTV program. Before recording, user may select work directory firstly in device list, detail operation refer to section **12 DEVICE**. See Figure 68,69

1. Press **<RECORD>** to start recording when program is playing, Icon **<REC>** always display on screen left side up during recording.

2. During recording, Press **<i>** on remote control to view recording information.

3. To stop recording, press **<RECORD>**, a dialogue“Do you want to stop recording?” display, press **<OK>** to select YES and return to live TV playing.

*when USB disk is full, system will display a hint message ”USB disk is full”

Figure 68

Figure 69

Note: Detail information please refer to last section “Instroduction of Record”

14 FILE

Hot-key to view recorded file(movie), it is the same function as “movie” menu under main menu.

See figure 70,71

1. Under full-screen display station, press **<FILE>** to enter file list, **<Up/Down>** and **<OK>** to play movie.

2. Press **FF/FR** to play movie faster or slower, press **<play/pause>** to play in normal station.

3. Press **Yellow** button to open “file list” page, **<Up/Down>** and **<OK>** to switch other movie to play.

4. Press **<PREV/NEXT>** to play previous or next movie.

5. Press **< i>** on remote control to view playing information of current movie.

6. Press**<RECORD>** to stop playing. A dialogue” stop playing?” display, press**<OK>** to select YES and return to live TV playing.

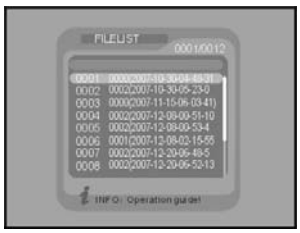


Figure 70

Figure 71

15 SCREEN ZOOM

See Figure 72

1. When program is in full screen display, press **<ZOOM>** to enter zoom mode, a zoom icon will show on screen left side up.

2. Press **FF** on remote control to enlarge image, press **<Left/Right/Up/Down>** to move the image to the destination.

3. Press **FR** to reduce it.

4. Press **<EXIT>** to cancel current image zoom mode.

Figure 72

16 Introduction of Record

Specification:

1. Supported recording live TV program while user watching the same program.

2. A file's maximum capacity for recording is 3.8G Byte, system will set up a new file to continue recording if capacity exceed 3.8G Byte.

3. Supported Timer recording through EPG or UI (once, daily, weekly, yearly)

4. Supported Timer recording under standby mode as well, system may start recording automatically, and return to standby mode after finishing recording.

5. Recording duration depend on memory space.

6. Not to support time shift and program name editing.(user can edit program name in computer)

一. Recording

1.Insert USB into USB socket, select a channel user want to record, then press <RECORD> to start recording, an icon "REC" would display on left-up side of the screen.

2. Press <i> to view recording information (program name, recording time ,recording duration and recordable capacity), press <i>again to exit.

3. To stop recording, press <RECORD> and **<OK>** to select YES and return to live TV playing.

Note: if the USB disk is full, system will stop recording and save program information automatically, a hint message "USB disk is full" will display on screen.

二. Re-playing

1. Insert USB into USB socket, Press hot-key <FILE> to open file list, which list recorded files. Press <UP/DOWN> to select file, <OK> to start re-playing.

2. Press <i> to view recorded information (program name, recording time, recording duration and recordable capacity), press <i>again to exit.

3. Under re-playing mode, user may press <FF/FR> to play program faster or slower, press <pause/play>to recover normal playing mode. Press <PREV/NEXT> to play previous or next recorded file.

4. To stop recording, press <RECORD> and **<OK>** to select YES and return to live TV playing.

三. Delete recorded files

1. Insert USB into USB socket, press **<MENU>**on remote control to enter main menu page, **<UP/DOWN>** and **<OK>** to enter "Disk Manager" page.

2. Press **GREEN** button to select delete one or delete all, then press **<OK>** to select YES and confirm deleting. Details pls refer to user manual section 2.6 **Disk Manager**

四. Timer recording.

1. Through EPG: Press <EPG> to enter EPG interface, press **BLUE** button to enter advanced recording setting interface. User may pre-set recording time.

2. Through UI: Press **<OK>** to enter " Wakeup Timer" page through "Main Menu – Digital TV – Configuration-wakeup timer". detail operation pls refer to user manual section 2.1-3-5 Wakeup Timer.

Note: under item of "Wakeup mode", user should select "Recorder" to active recording function.